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CLASSIFICATION ~~SECRET~~

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COUNTRY Rumania

REPORT NO.

TOPIC Telegra Refinery

EVALUATION 25X1A PLACE OBTAINED 25X1A

DATE OF CONTENT End of 1948

DATE OBTAINED 25X1 DATE PREPARED 28 March 1950

REFERENCES

PAGES 2 ENCLOSURES (NO. & TYPE)

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REMARKS

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1. Location and traffic connections:

The refinery is east of the village of Telegra which is about 5 km east of Campina. A spur track, an extension of the Campina-Doftana-Telegra railroad branch line, is available.

a. The refinery consists of two groups of buildings. Section 1 is about 100 meters east of the edge of Telegra, Section 2 south of it. The two sections are about 70 meters apart. The area covered with buildings of section 1 is about 800 x 300 meters, that covered with buildings section 2 about 200 x 150 meters. The former area is surrounded by concrete wall, the latter by a board fence.

2. Buildings and technical installations: (see Annex)

Section 1:

a. Engine and boiler house, a one-story brick building, about 30 x 15 meters. Four 250-HP diesel engines and three 11-atmosphere Cornwall boilers are installed there.

b. Mechanical workshop: A one-story brick building, about 60x10-meters, equipped with miscellaneous machine tools (drillers, millers, lathes) and one hydraulic 200-ton press.

c. Electrical workshop, one-story brick building, 60 x 10 meters.

d. Forge, one-story brick building, 60 x 10 meters, furnished with four hand sledges and one mechanical hammer.

e. Administration building, one-story brick building, 40 x 10 meters containing the offices of the refinery.

f. g. and h. Three refinery brick buildings, each 80 x 15 x 7 meters, beside each of them a cooling tower, 20 meters high, with a basis of 6 square meters. The buildings are equipped with refining units for cracking according to the Rubestill system. The units are new, of US make, and were supplied to Rumania by the Soviets in 1948.

Section 2:

This document is hereby regraded to  
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i. Refinery building, brickwork, 80 x 15 x 7 meters, with a cooling tower 20 meters high. The refining units installed there are of the same type as those installed in the refineries of section 1 and were also supplied by the Soviets in 1948.

j. Boiler house, one-story brick building, 14 x 10 x 7 meters with two Cornwell boilers.

k. Power station, a brick building, 16 x 10 x 7 meters equipped with two engines of 200 and 150 HP, and one 100-HP steam engine. All component sections of the refinery are supplied with power generated at this station.

3. Tanks:

l. Four 1,200-cu.m. tanks

m. Seven 2,300-cu.m. tanks

n. Three 5,000-cu.m. tanks

o. Four 3,000-cu.m. tanks

p. Three 2,300-cu.m. tanks

q. Two 1,200-cu.m. tanks

4. The tanks are connected with one trunk pipe line (15 pipes) crossing the space between the two sections.

5. Production and capacity:

Crude oil produced in the Campina and Brebu oilfields, and, if necessary, that produced in the Draganeasa and Secaturile oilfields farther to the west, is processed in this refinery.

The capacity was 500 m tons of crude oil per day in 1943 when the oil was still processed by the Vacuum system.

Since cracking was introduced in 1948 about 750 m tons of crude oil are processed per day. These are the yields obtained: Gasoline 45 percent, vulcanol 20 percent, miscellaneous lubricants 12 percent diesel oil 10 percent, asphalt 5 percent, waste 8 percent.

Comment:

The described plant is one of the numerous crude-oil processing refineries in the Braila district. According to data indicated in this report, the capacity of this refinery presumably is about 250,000 m tons per year. The trunk pipe line mentioned in para 3 is the one leading from Campina to the Danube port of Giurgiu via Balcoi.

1 Annex: oleum refinery.

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